

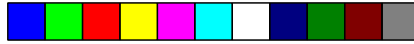
Emerson®

***Home Audio System
with Vertical CD-R/RW Player
and Digital AM/FM Receiver***

OWNER'S MANUAL

ES30

Visit our web site at www.emersonradio.com



CAUTION

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

- 1.) Read these instructions.
- 2.) Keep these instructions.
- 3.) Heed all warnings.
- 4.) Follow all instructions.
- 5.) Do not use this apparatus near water.
- 6.) Clean only with dry cloth.
- 7.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8.) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9.) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11.) Only use attachments / accessories specified by the manufacturer.
- 12.) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13.) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14.) This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
- 15.) Do not overload wall outlet. Use only power source as indicated.
- 16.) Use replacement parts as specified by the manufacturer.
- 17.) The product may be mounted to a wall only if recommended by the manufacturer.
- 18.) Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.



Before We Begin

Thank you for purchasing this Emerson audio product. The Emerson brand is your assurance of quality, performance and value.

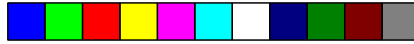
Our engineers have included many useful and convenient features in this product. Please be sure to read this Owner's Manual completely to make sure you are getting the maximum benefit from each feature.

This product was manufactured using the highest quality components and standards of workmanship. It was tested by Emerson inspectors and found to be in perfect working order before it left our factory. However, there is always the chance that some problem may occur because of rough handling during shipment to the retail store or to the final consumer.

If, after reading this Manual, you experience any problems with the operation of this product, please refer to the instructions for obtaining service at the end of this Manual. Emerson and Emerson retailers are committed to your satisfaction.

Once again, thanks for purchasing this Emerson audio product.





IMPORTANT NOTES

- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiates too much heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.
- Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.
- Operate controls and switches as described in the manual.
- Before turning 'On' the power, make certain that power cord is properly installed.
- Store your CDs, in a cool area to avoid damage from heat.
- When moving the set, be sure to first disconnect the power cord.

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM



This product contains a low power Laser Device.

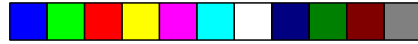
FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

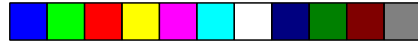
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.



PREPARATION FOR USE

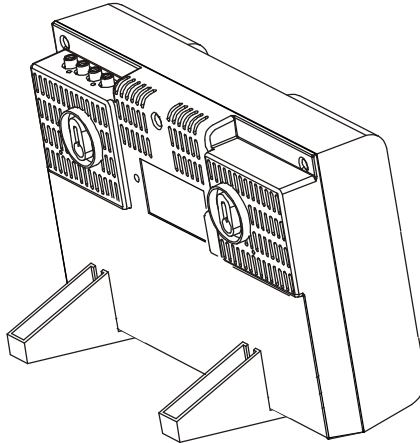
Unpacking And Set Up

- Carefully remove the main unit, speakers, and remote control from the carton, and remove all packing materials from the components.
- Remove any descriptive labels or stickers from the front panel of the main unit. Do not remove any labels or stickers on the back panel of the main unit or the speakers.
- Carefully remove any small strips of tape that may have been used to hold the CD door closed during shipment.
- Unwind the AC power cord on the main unit and extend it to its full length.
- Unwind the lead wire FM antenna on the back of the main unit and extend it to its full length.
- Please save the carton and packing materials in case it ever becomes necessary to return your unit for service. The original carton and packing materials are the only way to protect your unit from damage in transit.
- Place the system on a stable, level shelf, table, desk or stand, out of direct sunlight, convenient to a 120V 60Hz AC outlet, and away from sources of excess heat, dust, moisture or humidity.



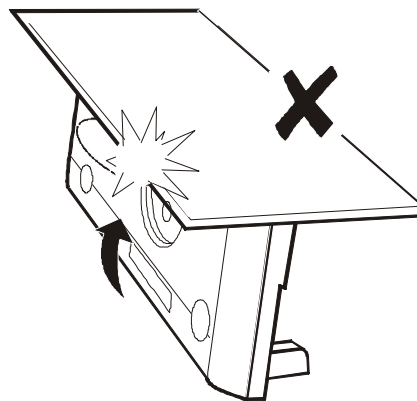
Positioning The Main Unit And Speakers

The main unit and the speakers are designed to be used on a shelf, desk, table or stand. The main unit is shipped with two plastic legs installed for added stability when the system is used on a flat surface. These two plastic legs allow the main unit to “lean backward” slightly and prevent it from tipping forward when the CD door is opened.



IMPORTANT: THESE TWO PLASTIC LEGS MUST REMAIN ON THE MAIN UNIT FOR TABLE-TOP, DESK-TOP, OR SHELF OPERATION.

Note: If this system is to be used on a bookshelf, or inside a cabinet, be sure to allow at least 3 inches clearance between the top of the main unit and the shelf above the unit so that the CD door can open fully without interference. If the CD door encounters an obstruction as it is opening, the door will close automatically.

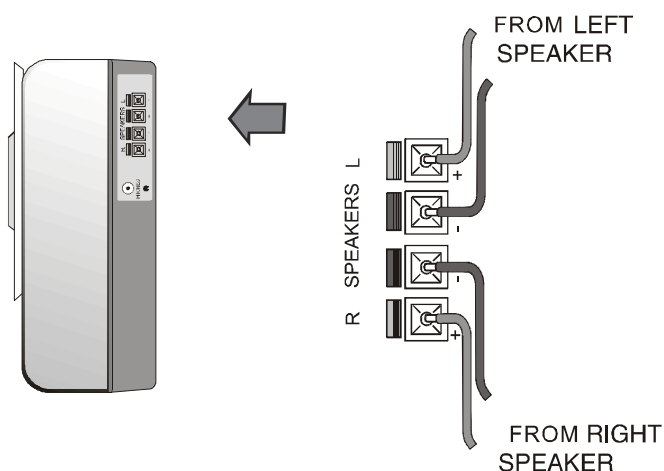


Do not block the ventilation openings on the top or back of the main unit.

Speaker Connections

Connect the speakers to the Red (+) and Black (–) terminals on right side panel of the unit as shown below.

Press the Red (+) or Black (–) terminal tab, insert wire, release tab to hold wire in place.



The speakers may be placed close to the main unit or as far apart as the cables will allow. Please leave a gap of at least 1/4" between the main unit and speakers to prevent any vibration in the speakers from causing the CD player to skip.

Note: The speakers are not magnetically shielded. They should not be placed directly on top of, or next to, a TV set. The magnets in the speakers could cause color distortion on the TV screen if the speakers are too close to the TV.

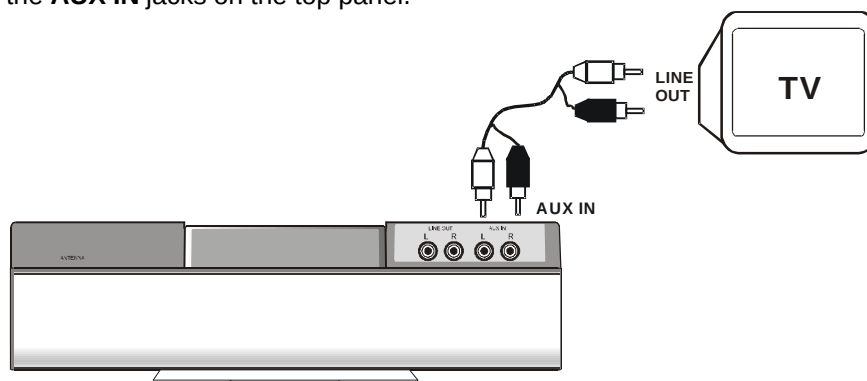
The entire system may also be wall-mounted if desired. Wall-mounting instructions can be found at the end of this manual.



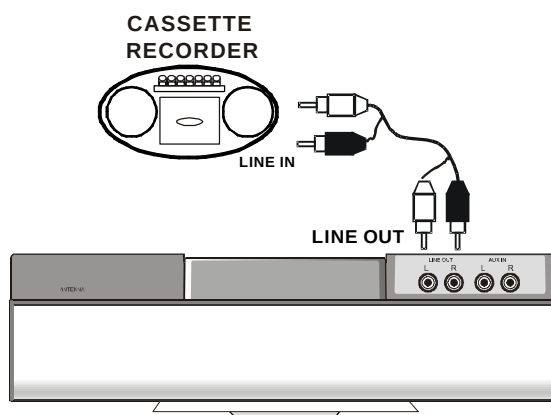
Connecting To External Audio Sources

This system is equipped with Auxiliary Input (**AUX IN**) and Line Output (**LINE OUT**) jacks. The Auxiliary Input Jacks allow you to listen to the sound from an external audio source through the speakers of this system. The Line Output jacks allow you to record from the Tuner or CD Player in this system to an external recording device.

- Connect your playback* equipment (eg. TV, MiniDisc or cassette player) to the **AUX IN** jacks on the top panel.

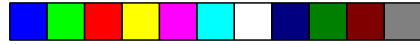


- Connect your recording equipment (eg. MiniDisc or Cassette Recorder) into the **LINE OUT** jacks on the top panel.



- Other examples of playback equipment include your TV, video recorder, DVD player or satellite receiver, or your computer or games console.

Always refer to the equipment manufacturer's instructions.



Protect Your Furniture

This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

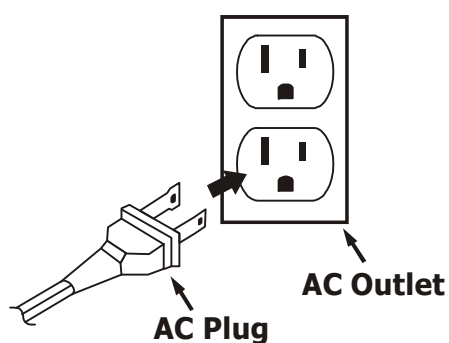
Power Source

This system is designed to operate on 120V AC 60Hz power supply only. Connecting this system to any other power source may cause damage to the system and such damage is not covered by your warranty.

Make sure that you connect this system to an AC outlet that is always “live”. Do not connect this system to an AC outlet that is controlled by a wall switch.

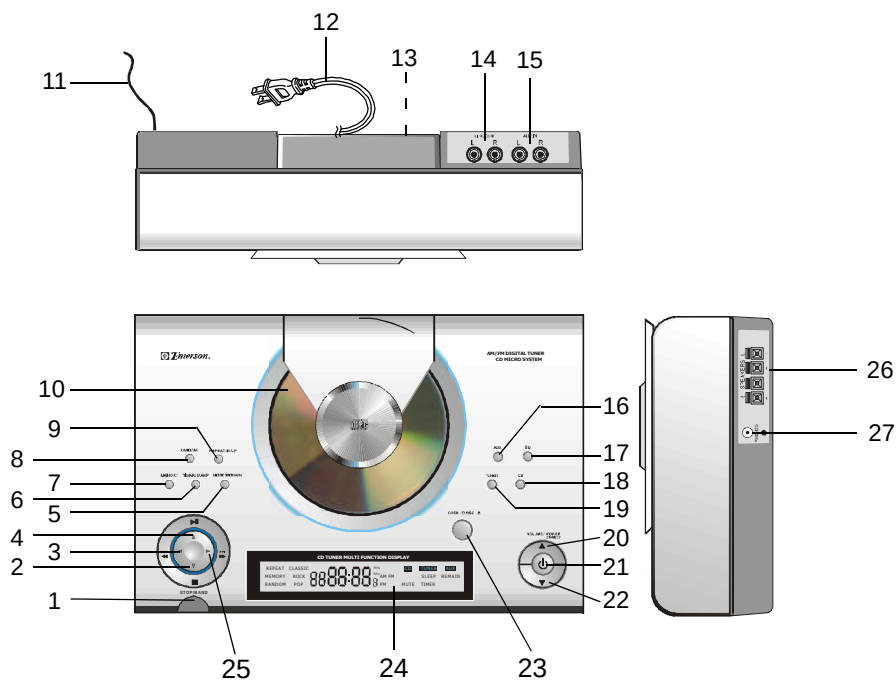
Note: *This unit has a polarized AC plug with one wide blade and one narrow blade. This plug will only fit into a matching polarized AC outlet.*

This is a safety feature to reduce the possibility of electric shock. If this plug will not fit in your AC outlet, you probably have an outdated non-polarized outlet. You should have your outdated outlet changed by a qualified, licensed electrician. Do not file the wide blade on the plug, or use an adapter to make the plug fit into your outlet. This defeats the safety feature and could expose you to electric shock.





LOCATION OF CONTROLS AND INDICATORS

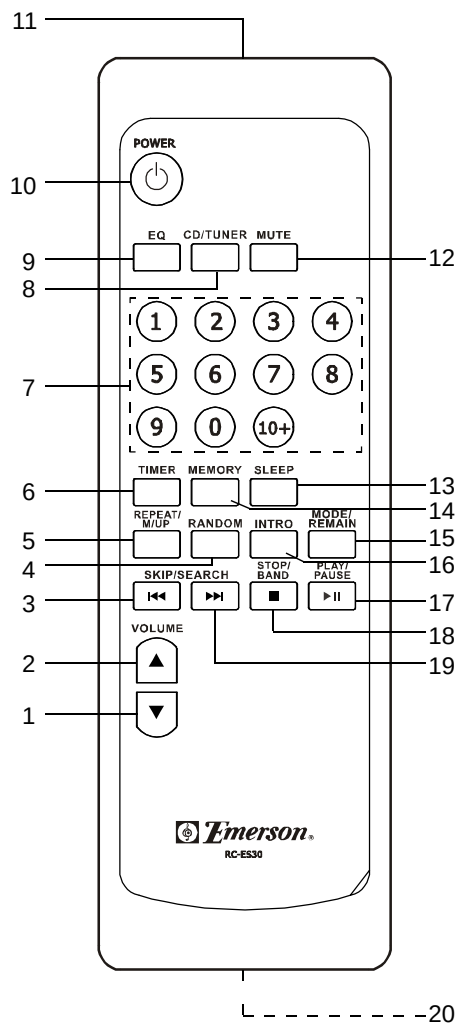


- | | |
|---|---|
| 1.) Remote Sensor. | 14.) LINE OUT L / R Jacks. |
| 2.) ■ STOP / BAND Button. | 15.) AUX IN L / R Jacks. |
| 3.) ⏮ Skip / Search Rev Button. | 16.) AUX Button. |
| 4.) ⏸ Play / Pause Button. | 17.) EQ (Equalizer) Button. |
| 5.) MODE / REMAIN Button. | 18.) CD Button. |
| 6.) TIMER / SLEEP Button. | 19.) TUNER Button. |
| 7.) MEMORY Button. | 20.) VOLUME ▲ Up Button. |
| 8.) RANDOM Button. | 21.) ⏻ POWER / STANDBY Button. |
| 9.) REPEAT / M-UP Button. | 22.) VOLUME ▼ Down Button. |
| 10.) CD Door. | 23.) OPEN / CLOSE ▲ Button. |
| 11.) FM Wire Antenna. | 24.) Muli-function LCD Display. |
| 12.) AC Power Cord. | 25.) ⏭ Skip / Search Fwd Button. |
| 13.) RESET Button.
(Inside Pinhole on Back Cabinet) | 26.) SPEAKERS Terminals. |
| | 27.) 🎧 PHONES Jack. |



Remote Control

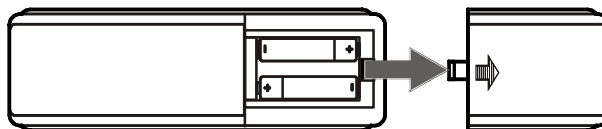
- 1.) **VOLUME ▼** Down Button.
- 2.) **VOLUME ▲** Up Button.
- 3.) **⏮ SKIP / SEARCH** Rev Button.
- 4.) **RANDOM** Button.
- 5.) **REPEAT / M-UP** Button.
- 6.) **TIMER** Button.
- 7.) Numeric Buttons
- 8.) **CD / TUNER** Button.
- 9.) **EQ** (Equalizer) Button.
- 10.) **⏻ POWER** Button.
- 11.) Remote Infrared Transmitter.
- 12.) **MUTE** Button.
- 13.) **SLEEP** Button.
- 14.) **MEMORY** Button.
- 15.) **MODE / REMAIN** Button.
- 16.) **INTRO** Button.
- 17.) **▶⏸ PLAY / PAUSE** Button.
- 18.) **■ STOP / BAND** Button.
- 19.) **⏭ SKIP / SEARCH** Fwd Button.
- 20.) Battery Compartment.
(Bottom Cabinet)



Installing The Remote Control Batteries

The remote controller requires 2 “AAA” batteries (not included). Please use a well-known brand of alkaline batteries for longest life and best performance.

Remove the remote control battery compartment cover by sliding the cover in the direction of the  arrow.



Insert 2 “AAA” alkaline batteries into the compartment. Be sure to observe the polarity markings inside the battery compartment. If the batteries are inserted incorrectly the remote control will not operate.

The remote control must be pointed at the remote sensor on the lower part of the front panel. The effective operating range of the remote control is approximately 15 feet. The effective operating angle is approximately 15 degrees to the left or right of ‘dead center’.

When the operation of the remote control becomes intermittent, or the operating range of the remote is reduced, replace the batteries.

Battery Precautions

- Replacement of batteries must be done by an adult.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- The supply terminals are not to be short-circuited.
- Non-rechargeable batteries are not to be recharged.
- Exhausted batteries are to be removed.
- Only batteries of the equivalent type are to be used.
- Batteries are to be inserted with the correct polarity.
- Dispose of batteries properly. Do not dispose of batteries in fire. The batteries may explode or leak.

OPERATING INSTRUCTIONS

- Make sure that the speakers are properly connected.
- Make sure that the FM Wire Antenna is fully extended.
- Make sure that you have installed batteries in the remote control.
- Make sure that the AC power cord is connected to an outlet that is always “live”. Do not connect to an outlet that is controlled by a wall switch.

Turning The System ‘On’

Connect the unit into the 120V 60Hz AC outlet.

At the front of the unit, the light within the **POWER/STANDBY**  button will light ‘Red’ to indicate that the unit is in standby (Standby means plugged-in but not switched on).



Switch the unit ‘On’ by pressing the **POWER/STANDBY**  button on the front panel or the remote control. The “Red” light goes ‘Off’.

The unit is now ready to use.



General Controls

Most of the main functions of this system can be operated by the controls on the front panel of the main unit, or by the buttons on the remote control handset.

If a specific function can only be operated by the remote handset, or by the front panel controls, this will be clearly indicated in the instructions.

Volume Controls

To increase or decrease the system volume press the **VOLUME ▲** or **▼** buttons on the front panel or the remote control.

The Volume Level Indicator will appear on the display when you change the volume level.

The level indicator ranges
from **"00"** (Minimum)
to **"30"** (Maximum)



The system remembers the volume level when the power is switched 'Off' and automatically returns to the same level when the power is switched 'On' again.

EQ (Electronic Preset Equalizer)

The preset equalizer allows you to adjust the sound characteristic for the most popular types of music.

Press the **EQ** button on the front panel or the remote control to cycle through the following equalizer settings:



Flat (EQ 'Off'), **CLASSIC**, **ROCK** or **POP**.

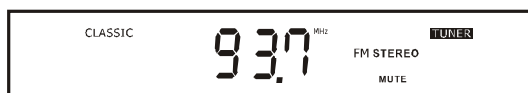
The appropriate EQ indicator appears in the display to confirm your selection. The system remembers the EQ setting when the power is switched 'Off' and returns to the same setting when the power is switched 'On' again.



MUTE Button (On Remote Control Only)

Press the **MUTE** button on the remotrol control to shut off the speakers temporarily, for example, to answer the telephone.

The sound stops and the “**MUTE**” indicator appears in the display.



Press the **MUTE** button again to cancel the mute function and restore the sound. The “**MUTE**” indicator disappears.

The mute function will also be canceled automatically by pressing the **VOLUME ▲** or **VOLUME ▼** buttons.

PHONES (Stereo Headphone) Jack

This system includes a stereo  **PHONES** jack on the right side panel of the main unit. You may connect a set of stereo headphones, not included, to this jack for private listening without disturbing others.

The main speakers are automatically shut ‘Off’ when headphones are connected to the  **PHONES** jack.

Make sure that the plug from your headphones is fully inserted into the headphone jack. If the plug is not fully inserted the sound may be intermittent, or you may only hear sound from one side of the headphones.

Important: *To prevent hearing damage always set the volume control to a low level before you connect the headphones. Then connect the headphones, put them on, and very gradually increase the volume to a comfortable listening level. Remember that CDs may contain both very soft and very loud passages. Adjust the volume to a comfortable level using a louder passage, so that you always know what the maximum level will be.*



Setting The Clock

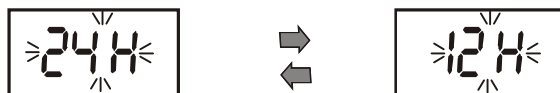
Note: The clock can be set at **AUX** mode, when power is 'Off', or at **CD**, **TUNER** modes by pressing the **MODE/REMAIN** button to display the Time mode.

- 1.) Depress and hold the **MEMORY** button on the front panel or remote control.

"24 H" will begin flashing in the display indicating that the clock is set for "European" 24-Hour format.

Press either the **▶▶** or **◀◀** button to change to "American" 12-hour format if desired.

The display will change from "24 H" to "12 H" and vice versa.



- 2.) Press the **MEMORY** button. The Hour digits will begin flashing.



- 3.) Press the **▶▶** or **◀◀** buttons to set the display to the correct Hour, **AM** or **PM**.

- 4.) Press the **MEMORY** button again. The Minute digits will begin flashing.



- 5.) Press the **▶▶** or **◀◀** buttons to set the display to the correct Minute.

- 6.) Press the **MEMORY** button once more.

The colon ":" begins flashing and the clock starts to run.



Notes: The correct time will always appear on the display in **AUX** mode and when power is 'Off'.

Listening To The Radio

- 1.) Press the  **POWER/STANDBY** button on the main unit or the remote control.
The main display turns 'On'.

- 2.) If necessary, press the **TUNER** button on the front panel of main unit or the **CD/TUNER** button on remote control to select the Tuner function.

The display will show an AM or FM station frequency.



To select a different band, press the  **STOP/BAND** button.

- 3.) Tune to the desired frequency as follows:

- **Manual Tuning**

Repeatedly press the  or  buttons until the frequency of the desired station appears on the display.

- **Automatic Tuning**

Press and hold the  or  buttons until the display begins to move, then release the buttons. The tuner will search up or down the band for the next strong station and stop on that station. Repeat this procedure until the tuner stops on your desired station.

- 4.) If you tuned to an FM Stereo station the **STEREO** indicator will appear in the display.

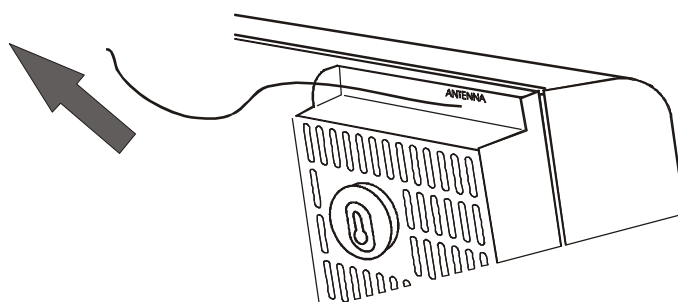


- 5.) Adjust the **VOLUME** and **EQ** controls as desired.
- 6.) When you are finished listening press the  **POWER/STANDBY** button on the main unit or remote control to return to the Standby (Power Off) mode.
The display light turns 'Off'.



Hints For Better Reception

FM: The FM lead wire antenna on the back panel should be extended to its full length. You may also have to vary the direction of this antenna until you find the position that provides the best reception.



AM: The AM bar antenna is inside the cabinet of the main unit. You may need to change the position of the main unit until you find the position that provides the best reception for your favorite AM stations.





Pre-setting Stations In The Tuner Memory

This system includes a 20 station preset memory. You can store up to 10 FM stations and 10 AM stations in the tuner memory for immediate recall. The procedure for storing stations in memory is as follows:

- 1.) Follow step 3 under “**Listening To The Radio**” in page 17 to select the first station you wish to memorize.

Example: **FM 103.5 MHz.**



- 2.) When the desired station appears on the display press the **MEMORY** button on the front panel or the remote control.

The Channel # “**01**” indicator appears and the “**MEMORY**” indicator flashes in the display.



- 3.) Press the **MEMORY** button on the front panel or the remote control once more to enter the station in preset memory channel “01”.

The **MEMORY** indicator stops flashing.



- 4.) Tune to the next station you wish to memorize. Example: **FM 106.70 MHz.**

Press the **MEMORY** button.

The “**MEMORY**” indicator flashes again.



- 5.) Press the **REPEAT/M-UP** button on the front panel or remote control to select preset memory channel “02”.

Then press the **MEMORY** button to enter the desired station in preset memory channel 02.



- 6.) Repeat steps 4 and 5, selecting a different preset memory channel number each time, until you have entered up to 10 FM stations in the tuner memory.
- 7.) Press the **STOP/BAND** button to select the **AM** band and follow the same procedure to enter up to 10 AM stations in the tuner memory.

Recalling Preset Stations

- 1.) Turn the unit 'On', press the **■STOP/BAND** button to select the desired band.
- 2.) Press the **REPEAT/M-UP** button on the front panel or the remote control repeatedly to scroll through the preset memories until the display shows the desired station.
- 3.) You may also use the number buttons on the remote control to directly select the desired preset memory number.

Simply press the corresponding number key on the remote handset to select preset memory numbers **1** through **0** (10).



Changing Preset Stations

To change any preset station memory:

- 1.) Select the desired band and tune to the new station you wish to memorize.
- 2.) Press the **MEMORY** button and then press the **REPEAT/M-UP** button to display the memory number you wish to change.
- 3.) Press the **MEMORY** button again to enter the new station in the memory. The new station is memorized and the previous station is deleted from the memory.



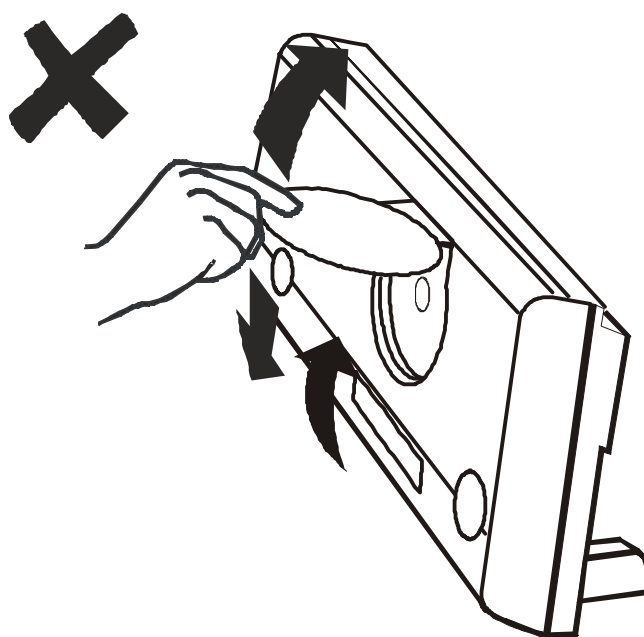
Playing Compact Discs

Important: This CD player can play normal CDs plus CD Recordable (CD-R) and CD ReWritable (CD-RW) discs. However the playability of CD-R/RW discs may be affected by the type of software that was used in 'ripping' the tracks from the original discs and 'burning' the tracks onto the blank media. Playability may also be affected by the quality and condition of the blank media you use for recording. 100% compatibility cannot be guaranteed. This is not an indication of any problems with your player.

Caution!!

Never open or close the CD door rapidly by hand - doing so will damage the mechanism.

In an emergency situation (eg. An AC power failure) where you have no option other than to open or close the door by hand, do so **very slowly and very gently**. **APPLY ONLY LIGHT PRESSURE - NEVER USE FORCE ON THE DOOR.**

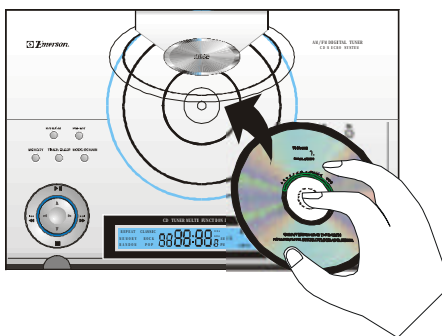




Normal Playback

- 1.) Press the **POWER/STANDBY** button to turn the system 'On'.
- 2.) Press the **CD** button on front panel or **CD/TUNER** button on remote control to select CD function.
- 3.) Press the **OPEN/CLOSE** button on front panel to open the CD door. Remove the "dummy CD" transit protection cards and discard it. You cannot play your own CD unless the card is removed.
- 4.) Load your own CD into the player with the printed 'label' facing out.

Gently press on the CD near the center hole to insure that the disc is properly 'seated' on the spindle.



- 5.) Press the **OPEN/CLOSE** button to close the CD door.

The display flashes as the player reads the Table Of Contents on the disc.



After reading the disc the display will show the total tracks and playing time.



Note: The reading time may be longer if you are using CD-RW (rewritable) discs. This is normal and not an indication of any problem with your unit.

- 6.) Press the **PLAY/PAUSE** button to begin playback.



- 7.) Adjust the **VOLUME** and **EQ** controls as desired.

- 8.) Playback will continue until all tracks on the disc have been played, then the player stops and the display shows the total tracks number and playing time on the disc.



9.) To stop playback at any time, press the **■STOP/BAND** button.

10.) If you are finished listening, press the **OPEN/CLOSE ▲** button to open the CD door, remove your disc from the player, re-close the door and press the **⏻ POWER/STANDBY** button to return the system to the Standby (Off) mode.

Pause Control

To pause temporarily during CD playback press the **⏸ PLAY/PAUSE** button again.

The sound stops and the elapsed time flashes in the display, but the disc continues spinning.



Press the **⏸ PLAY/PAUSE** button once more to cancel Pause mode and resume playback at the same point, the elapsed time stops flashing.

Skip Track and High Speed Music Search

- During playback, repeatedly press the **⏮** or **⏭** buttons to skip to higher or lower numbered tracks. Playback will begin on the selected track.
- During playback, depress and hold the **⏮** or **⏭** buttons to search within a track at high speed to locate a specific musical passage.

Release the **⏮** or **⏭** buttons when you hear the desired passage. Normal speed playback will resume at that point.



Repeat Playback

You can program the player to continuously repeat a single track or the entire disc. The Repeat function can be activated while a disc is playing or while the disc is stopped.

One Track Repeat

Press the ►► or ◀◀ button until the desired track number appears in the display, then press the **REPEAT/M-UP** button once.

The **REPEAT** indicator 'flashes' in the display. Press the ►► **PLAY/PAUSE** button to begin playback on that track.



The selected track will be repeated continuously.

All Tracks Repeat

Load the disc as usual and wait until the total playing time and track numbers appear on the display. Press the **REPEAT/M-UP** button twice.

The **REPEAT** indicator remains 'On'. Press the **PLAY/PAUSE** ►► button to begin playback.



The entire disc will be repeated continuously.

To cancel Repeat Playback continue pressing the **REPEAT/M-UP** button until the **REPEAT** indicator disappears. Repeat is also canceled by opening the CD Door or switching to Tuner function.



Random Playback

This feature allows you to play all the tracks on a disc in random order.

Load the disc as usual and wait until the display shows the total playing time and number of tracks. Press the **RANDOM** button.

The **RANDOM** indicator appears in the display.



The tracks will be played in random order. After all tracks have played the player stops and the display again shows the total playing time and number of tracks.

To cancel the Random mode press the **RANDOM** button until the **RANDOM** indicator disappears. Random mode can also be canceled by pressing the **■STOP/BAND** button.

Intro Scan Playback (Remote Control Only)

This feature allows you to play just the first 10 seconds of each track on the disc. This may be useful when you are trying to locate a specific song but you do not remember the title.

Load the disc as usual and wait until the display shows the total playing time and number of tracks. Press the **INTRO** button on the remote control.

The **INTRO** indicator will appear in the display.



The player will play the first 10 seconds of each track automatically. When the first 10 seconds of the last track has played the player stops and the display again shows the total playing time and number of tracks on the disc.

To cancel the Intro playback mode before the disc ends press the **INTRO** button on the remote control once more until the **INTRO** indicator disappears. The player will continue normal playback.

Intro mode can also be canceled by pressing the **■STOP/BAND** button, opening the CD Door, or switching to the Tuner function.

Programmed Playback

You can program up to **20** tracks on a disc to playback in any desired order. You may also program a specific track to play several times within the same program.

Note: The player cannot be programmed while a disc is playing. If a disc is playing press the **■STOP/BAND** button to stop playback before you begin the programming steps below.

1.) Press the **CD/TUNER** button on the remote control or **CD** button on front panel to select **CD** mode. Insert your disc in the player, close the door, and wait until the total track number and play time appear in the display.

2.) Press the **MEMORY** button once.

The **MEMORY** Indicator flashes and program memory "**P- 01**", Track "**01**" appears in the display.



3.) Use the **▶▶** or **◀◀** buttons to select the first track to be programmed.

Example: Track "**07**".



4.) When track number "**07**" appears in the display, press the **MEMORY** button once again to enter the track "**07**" in program memory number "**01**".

The track number returns to "**00**" and the program memory advances to "**P- 02**"



indicating that you may now select a track to be entered in program memory number "**02**".

5.) Use the **▶▶** or **◀◀** buttons to select the next track to be programmed. When the desired track number appears in the display press the **MEMORY** button again to enter that track in the program memory.

6.) Repeat Step 5 until you have entered up to **20** tracks in the program memory.



7.) To begin programmed playback press the ►|| **PLAY/PAUSE** button.

The display will show the first programmed track and playback will begin on that track. The **MEMORY** Indicator stops flashing and remains in the display.



After the last programmed track has played the player stops but the programmed tracks remain in the memory.

To play the programmed tracks again, press the **MEMORY** button and then the ►|| **PLAY/PAUSE** button.

To cancel the programmed sequence from memory, press the ■ **STOP/BAND** button at programming mode or open the CD door.

Program Repeat Playback

You can use the Program and Repeat features together to continuously repeat a programmed sequence of tracks.

First, program the desired tracks according to Steps 1 through 7 on the previous page.

When Programmed Playback begins press the **REPEAT/M-UP** button twice to activate the All Tracks Repeat feature.

The **REPEAT** Indicator appears in LCD display and all the tracks in your programmed sequence will be repeated continuously.



To cancel Programmed Repeat Playback press the ■ **STOP/BAND** button until both the **MEMORY** and **REPEAT** Indicators go 'Off'.



Timer Function

This system includes a programmable Timer function that will turn the system 'On', play for one hour, and then shut the system 'Off' automatically. You can use the timer to wake you up to the Radio or to your favorite CD. The timer can be programmed while the system is in the Standby (Power Off) mode, the Aux mode, Tuner mode, or the CD mode.

To Set The Turn 'On' Time

- 1.) Press and hold the **TIMER/SLEEP** button on the front panel or press the **TIMER** button on the remote control once.

The "12:00 AM" appears and the **TIMER** indicator begins 'flashing' in the display.



Press and hold the **MEMORY** button for at least 3 seconds. The Hour digits begin to flash.



- 2.) Press the **▶▶** or **◀◀** button on the front panel or the remote control to set the display to the desired turn 'On' hour, **AM** or **PM**.

- 3.) Press the **MEMORY** button. The Minute digits begin flashing.



- 4.) Press the **▶▶** or **◀◀** buttons on the front panel of the main unit or the remote control to set the display to the desired turn 'On' minute.

- 5.) Press the **MEMORY** button once more to enter the turn 'On' time in the memory.



After a few seconds the **TIMER** display stops flashing and remains 'On' and the display returns to the correct time, Tuner display, or the CD display.





6.) At the selected 'On' time the system will turn 'On' automatically to the last function selected, either Tuner or CD.

The **TIMER** indicator flashes.



It will play for one hour and then shut 'Off' automatically.

Note: If the system turns on to CD function it will only play until the end of the disc and then stop.

As long as the **TIMER** indicator remains in the display the timer will turn the system on every day at the same time.

- To 'deactivate' the timer press and hold the **TIMER/SLEEP** button on the front panel or press the **TIMER** button on the remote control once. The **TIMER** indicator disappears from the display.
- To 'reactivate' the timer press and hold the **TIMER/SLEEP** button on the front panel or press the **TIMER** button on the remote control once until the **TIMER** indicator reappears in the display.



Sleep Timer

This system includes a programmable Sleep Timer that allows you to fall asleep to between 90 and 10 minutes of music and then shuts the power 'Off' automatically.

To Operate The Sleep Timer:

- 1.) Turn the system 'On' and operate either the Tuner or CD function as usual.
- 2.) Adjust the **VOLUME** controls to the desired level. Remember that the level you select for the sleep to music function is the same level you will hear when the timer turns the system on in the morning.
- 3.) Press the **SLEEP** button on the front panel or the remote control once.
- 4.) The display will show "90" indicating that the sleep timer will shut the power 'Off' after 90 minutes.

The **SLEEP** indicator begins flashing.



Continue pressing the **SLEEP** button to decrease the amount of sleep timer operation. Each time you press the **SLEEP** button you reduce the sleep time by 10 minutes.

Release the **SLEEP** button when the display shows the desired amount of Sleep timer operation.

- 5.) After a few seconds the Sleep Time display disappears and the **SLEEP** indicator remains 'On'.



When the Sleep Timer counts down to "00", the power shuts 'Off' automatically.

Notes:

- You can shut the unit off manually before the Sleep Timer counts down to "00" by pressing the **POWER/STANDBY** button at any time.
- Remember that if you are falling asleep to CD you will also wake to CD, and if you fall asleep to the Tuner you will also wake to the Tuner.
- If you are falling asleep to CD, the system will only operate until the CD ends. If you set the Sleep Timer for 90 minutes but your CD is only 45 minutes long, the music will stop after 45 minutes.



MODE/REMAIN Button

Normally the display shows the correct time in the Aux mode, Standby (Power Off) mode, the radio frequency in the Tuner mode, and the CD track and time information in the CD mode.

You can press the **MODE/REMAIN** button repeatedly to show the following information on the display:

- **In STANDBY (Power Off) Mode:**

Correct Time ➡ TIMER 'On' Time ➡ Correct Time.

- **AUX Mode:**

Correct Time ➡ TIMER 'On' Time ➡ Correct Time.

- **In TUNER Mode:**

Radio Frequency ➡ Correct Time ➡ TIMER 'On' Time ➡ Radio Frequency.

- **In CD Playback Mode:**

CD Elapsed Time ➡ CD Remaining Time ➡ Correct Time ➡ TIMER 'On' Time ➡ CD Elapsed Time.



Auxiliary Operation (On Front Panel Only)

To listen to an auxiliary audio source connected to the **AUX IN R/L** jacks on the top panel of this unit (refer to page 8).

Press the **AUX** button on front panel to select the Aux function.

The **AUX** indicator appears in the display.



Operate the external device as you would normally.

When you hear the music from your external source adjust the **VOLUME** and **EQ** controls of this system as desired.

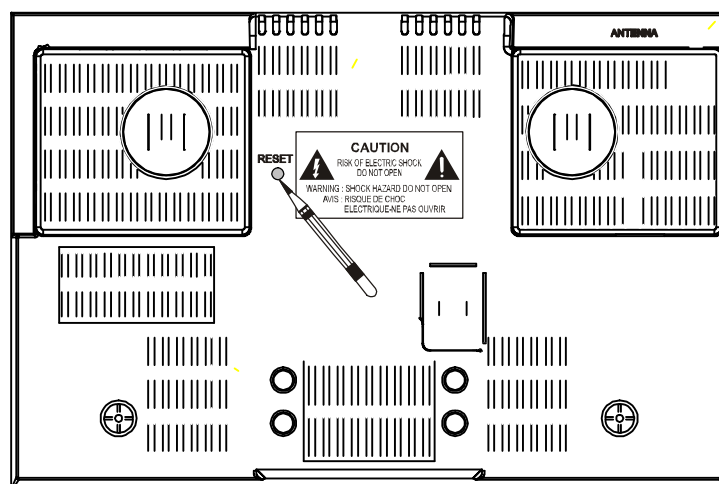


Resetting The System Computer

This system is equipped with a special circuit designed to protect the internal computer from permanent damage due to unexpected power surges.

If you find that the system does not respond to any commands from the front panel controls or the remote handset, the system probably experienced a sudden power surge that activated the protection circuit.

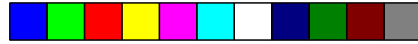
To reset the system after a power surge use the point of a pencil, a toothpick, a straightened paper-clip or similar object to press the **RESET** button which is located in a small opening on the back of unit.



The system will return to the Standby (Power Off) mode.

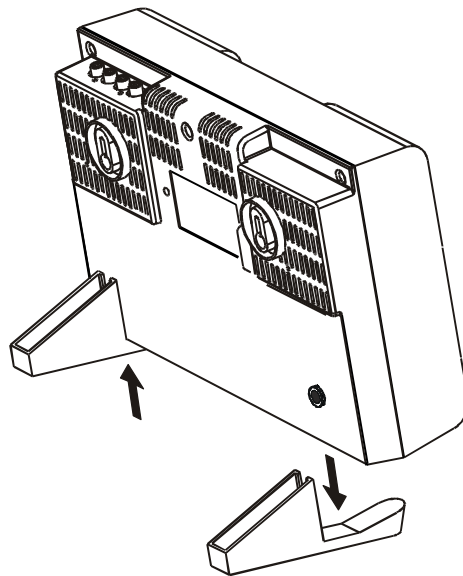
Note: Resetting the system computer also clears all of the system memory and returns the system to its original factory default settings. All of the preset tuner memories, the clock and the timer settings will be erased after you press the **RESET** button.

It will be necessary to re-enter the stations in the tuner preset memories, reset the clock and the timer settings.



WALL MOUNTING INSTRUCTIONS

Note: The plastic legs must be removed from the main unit before wall mounting. To remove the legs, slide them downward as shown.



To re-attach the legs, slide the U-shaped cut-outs in the legs upwards over the round posts at the back of the unit. Make sure the legs are pushed up all the way.

If you decide to wall mount your ES30 audio system please read and carefully follow these instructions:

Note: Wall mounting hardware is not included.

You should purchase the appropriate type of anchors for the wall where the unit will be mounted. (Solid-wall, Hollow-wall, etc.) Wall anchors are available at hardware stores and home improvement centers. Tools required: Electric drill, Hammer, Screwdriver.



General Precautions and Recommendations

- When choosing a location for wall mounting remember that the main unit must be connected to an AC outlet. The AC power cord of the main unit should be able to hang straight down from the main unit to the AC outlet. (See Figure 1.)

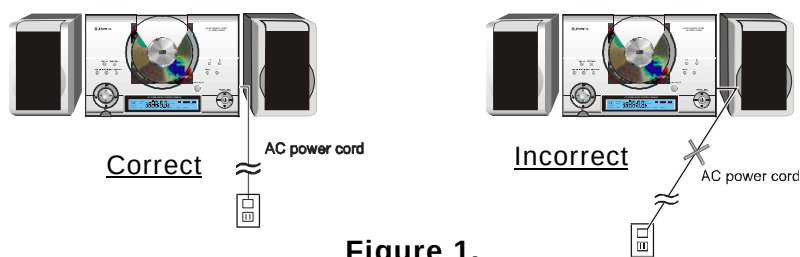
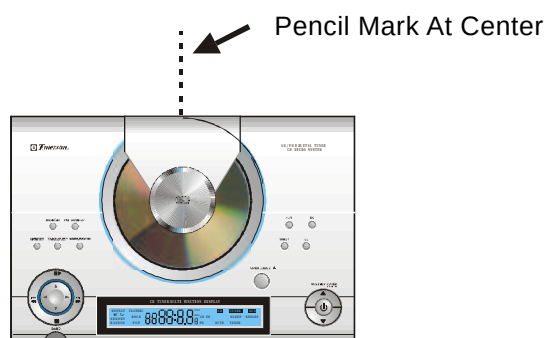


Figure 1.

Connect the main unit to the AC outlet and position it against the wall in your desired location. Make sure that the plug remains firmly and full inserted into the outlet. There should be just enough slack in the power cord so that the plug can be easily removed from, and reconnected to the AC outlet.

- Have someone hold the **main unit** against the wall in the desired location and make a pencil mark on the wall to indicate **center point** of the top edge of the cabinet.





- If there is no AC outlet directly below the desired mounting location you may use a UL approved extension cord. In this case you should allow the AC plug of the main unit to reach all the way to the floor and connect the extension cord on the floor, not above the floor. (See Figure 2.)

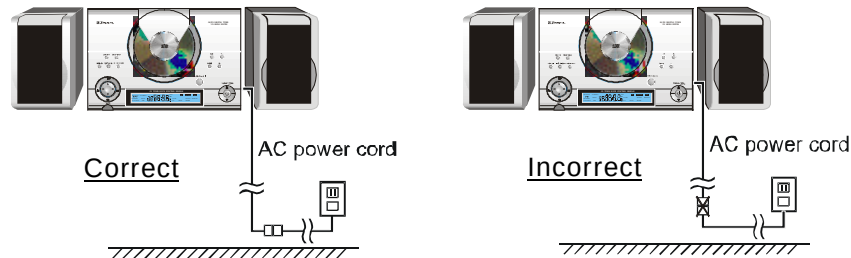


Figure 2.

- Although all major functions of this system can be operated by the remote control, you must still load and unload your CD manually. Therefore the main unit should be mounted at a height that is convenient and comfortable for changing discs.

Important: The front cover requires 3" clearance to open fully. If you plan to mount the unit under a shelf, in a cabinet, etc, you must allow at least 3" clearance above the unit so that the door can open completely without obstruction.

If the front cover encounters some obstruction as it is opening, the motor will reverse automatically and the door will close immediately.



Template Instructions

- 1.) Select the desired location for wall mounting after carefully reviewing the **"General Precautions and Recommendations"** of the wall mounting instructions.
- 2.) Tape the template to the wall, or other surface, in the desired location. Align the top edge of the template with the pencil mark you made on the wall. Be sure to allow at least **3"** clearance above the main unit, for the CD door to open fully.
- 3.) Make sure that the template is level.
- 4.) Use an awl, ice pick, a nail or similar pointed tool, and push through the template to make a small starter hole in the wall surface as indicated by the **"Drill Hole Here"** marks. Then remove the template from the wall.
- 5.) **Before You Drill: Make sure that there are no water pipes, gas pipes, electrical wires on other obstructions or hazards behind the wall in your chosen mounting location. If you are not sure about this and don't know how to check, perhaps you should consider having the system mounted by someone with the necessary experience.**
- 6.) Make sure that you are using the correct type of anchors for your wall.
 - If the wall material is Sheetrock® (sometimes called wall-board, gypsum-board, or plaster-board) you can use plastic 'hollow-wall anchors'.
 - If your wall is solid plaster, concrete, brick, or similar solid material, use the appropriate type of 'solid-wall anchors'.
 - If your wall is solid wood, you may be able to use round-head wood screws without anchors.

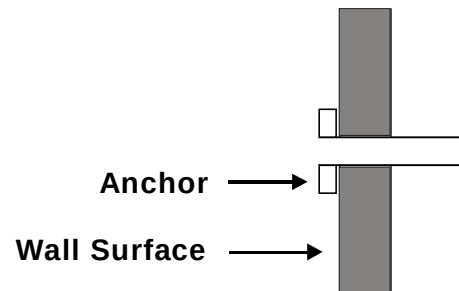
Important: *If you have no experience installing wall anchors you should have this system mounted by someone who does have the proper experience.*

Whichever type anchors you use, make sure that the diameter of the screw heads is at least 1/4".

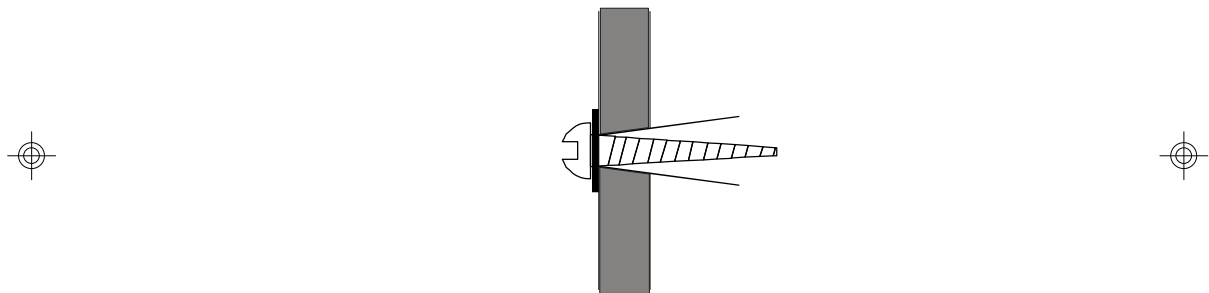
Follow the instructions supplied with the wall anchors to determine the proper size drill bit to use in your electric drill. After installing the proper size bit, drill holes in the wall surface at the 4 locations where you made the starter holes in Step 4.



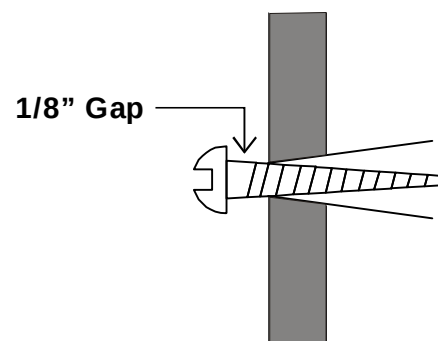
- 7.) Insert the tip of the anchor into each hole and use a hammer to tap the anchors all the way in until they are flush with the wall surface.



- 8.) Insert the screw into the anchor and tighten the screw until it touches the collar on the anchor. This causes the anchor to spread inside the wall and locks the anchor in place.

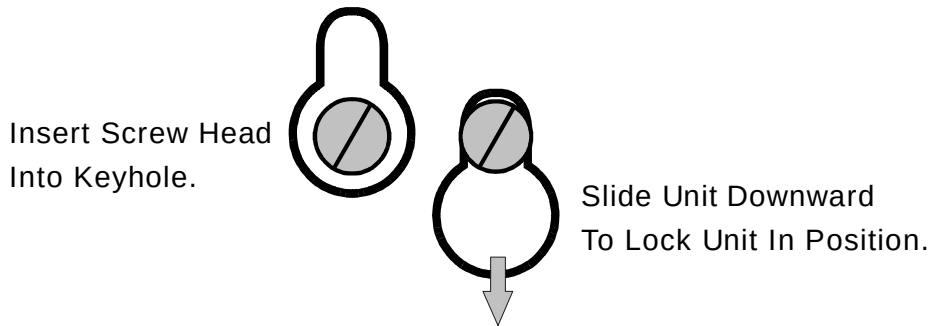


- 9.) Loosen the screw until there is a gap about **1/8"** between the screw head and the wall.





- 10.) Position the main unit over the two screw heads so that the heads of the screws fit into bottom of each "Keyhole" on the back cabinet. When the two screw heads are inside the keyholes, slide the main unit slightly downward until each screw head is in the top of the keyhole.

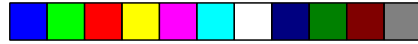


If the main unit is still loose, you probably left too large a gap between the screw head and the wall. Slide the unit slightly upward and take it off the mounting screws. Tighten one or both screws slightly and remount the unit. It should fit snugly against the wall and not move when you are loading or unloading CD.

Follow a similar procedure to mount each speaker.

Notes:

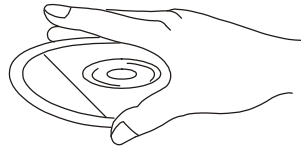
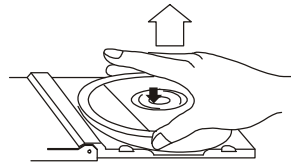
- *It will be necessary to remove the main unit from the wall to connect the speaker wires. If there is any excess speaker wire hanging between the main unit and the speakers, remove the speaker from the wall and use a twist-tie to secure the excess wire to the lower metal bracket on the back of the speaker cabinet, then remount the speakers.*
- *You can also purchase plastic cord covers at most home improvement centers. These covers can easily be cut to any desired length and attached to the wall to conceal the speaker wires and AC power cord if necessary. The covers can also be painted or wall papered to match the surrounding wall surface.*



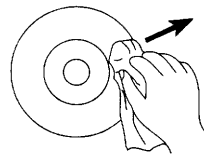
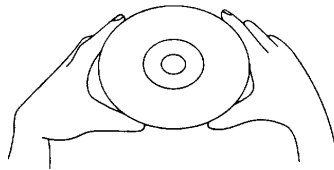
CARE AND MAINTENANCE

Compact Disc Care

- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.



- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.



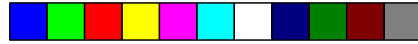
- Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit.
- Never write on or affix labels to the surface of compact discs.

Care Of The Cabinet

If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax, polish sprays, or abrasive cleaners on the cabinet.

Caution

Never allow any water or other liquids to get inside the unit while cleaning.

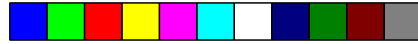


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AU898M

The serial number of your system is located on a label on the back panel. Please take a moment now to locate the serial number and write the number in the space provided below. You may be asked to provide this number when calling for product service.

Model Number: ES30

Serial Number: _____



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